

# ***Air Force Civil Engineer Center***

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*Integrity - Service - Excellence*



**NJMAC: Nevada Test and  
Training Range (NTTR)  
Land Withdrawal**

**Air Force Civil Engineer  
Center**

**11 August 2016**

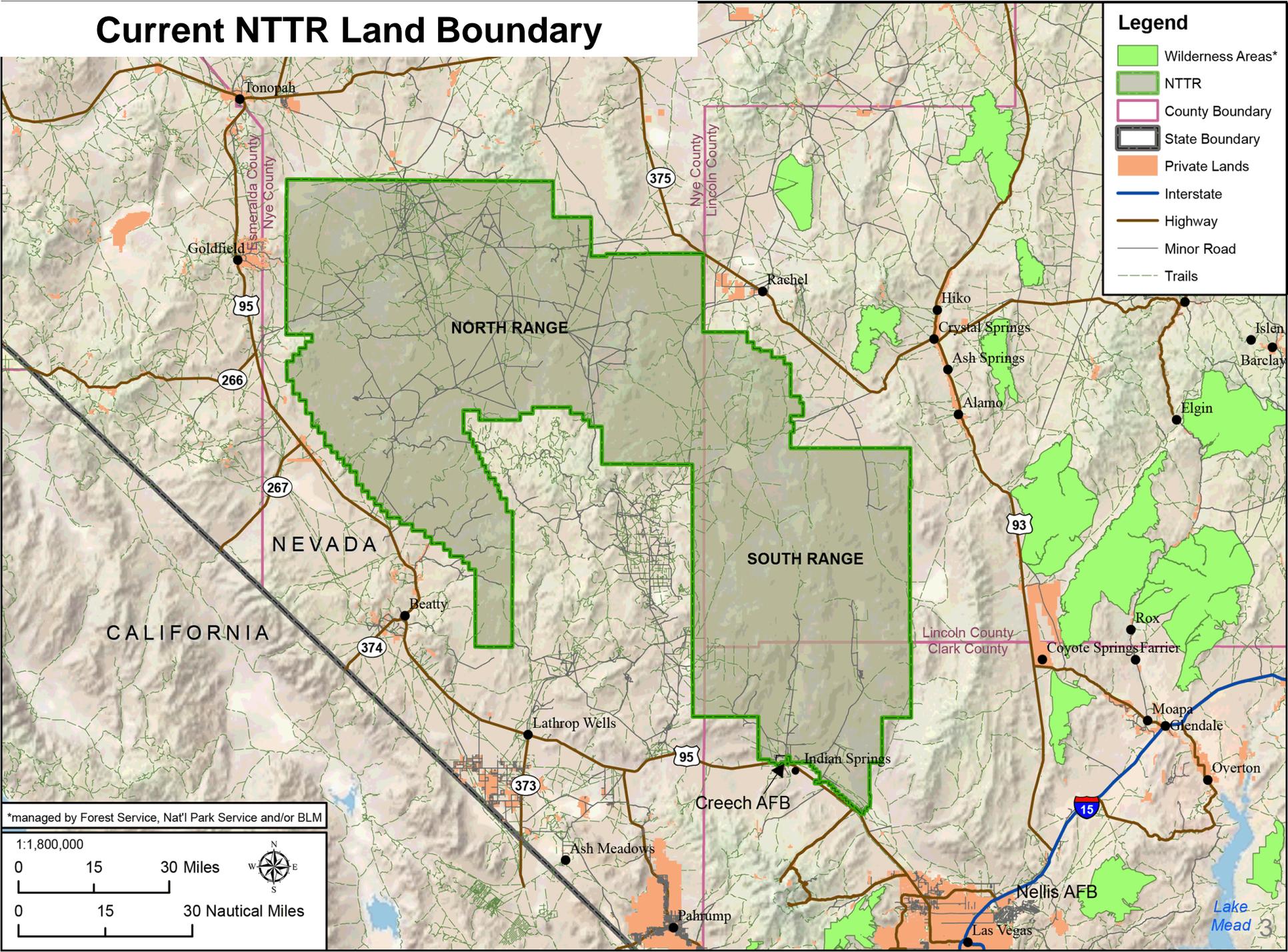


# Purpose of Meeting

- **Provide NJMAC partners and NV State Agencies with Information regarding:**
  - **Air Force Proposed Nevada Test and Training Range (NTTR) Land Withdrawal Extension**
  - **Proposed NTTR Land Withdrawal Expansion**
- **Discuss the Legislative EIS Process**
- **Discuss Proposed Alternatives**



# Current NTTR Land Boundary



- ### Legend
- Wilderness Areas\*
  - NTTR
  - County Boundary
  - State Boundary
  - Private Lands
  - Interstate
  - Highway
  - Minor Road
  - Trails

\*managed by Forest Service, Nat'l Park Service and/or BLM

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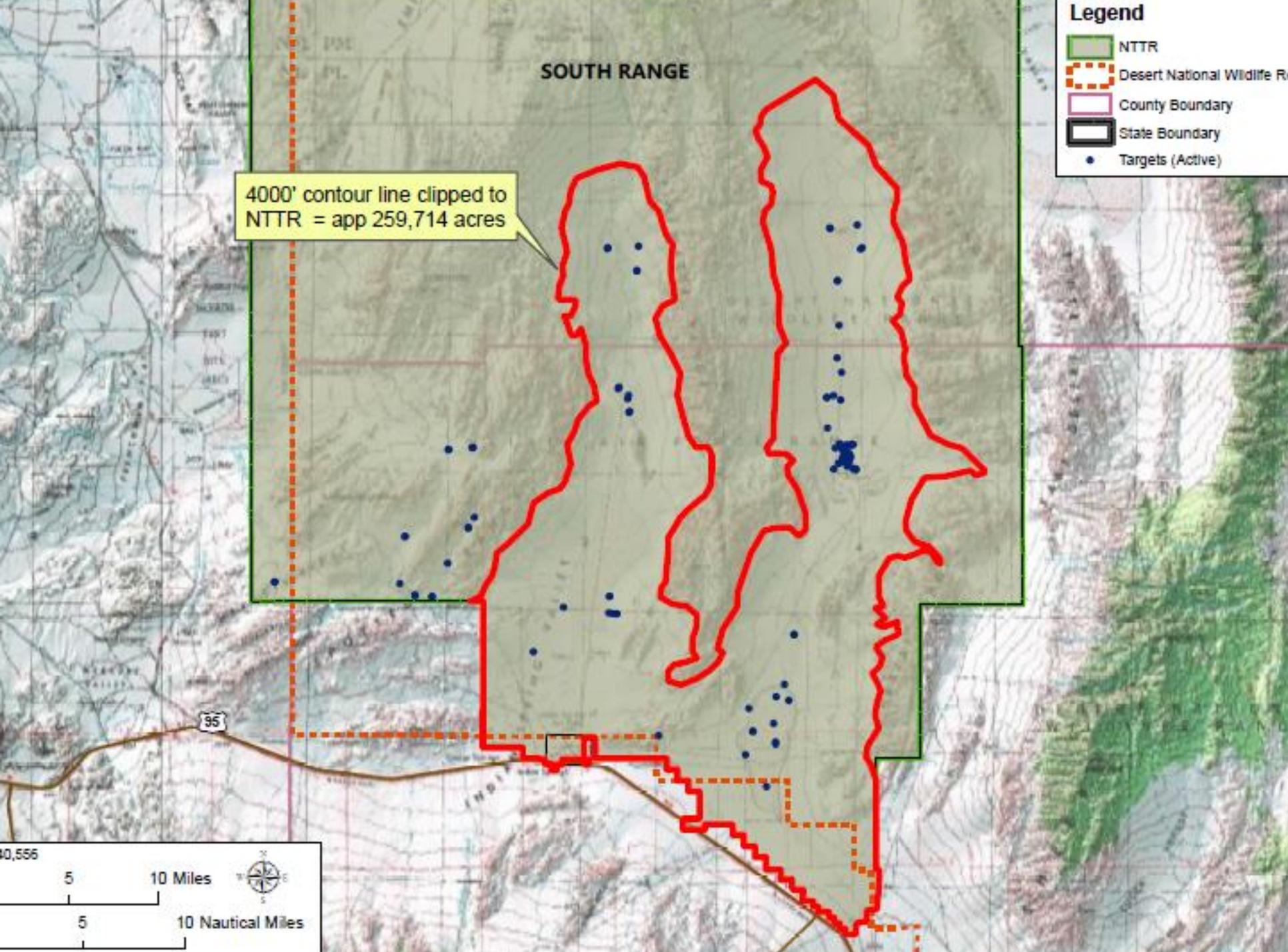
0 15 30 Miles

0 15 30 Nautical Miles

# SOUTH RANGE

4000' contour line clipped to NTTR = app 259,714 acres

- Legend**
- NTTR
  - Desert National Wildlife R
  - County Boundary
  - State Boundary
  - Targets (Active)





# Air Force Requirements

## ■ Training

- **NTTR hosts “Red Flag” exercises (Major Force on Force Air Maneuvers)**
- **NTTR provides a training venue for the modernized fleet (F-35s etc.)**
- **NTTR is the Air Forces premier range for Tactics Development and Evaluations**
- **NTTR provides a testing and training environment for the Air Force, DoD services, and non-DoD agencies**





# Air Force Land Withdrawal Needs

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- **LEIS alternatives address 3 primary areas of need all designed to ensure adequate test and training capacity now and into the future:**
  - **Increase Major Combat Operations capability and alleviate scheduling conflicts**
  - **Enhance Irregular Warfare test/training capability**
    - Development of insertion and extraction points
    - Overland navigation
    - Unmanned Aerial Systems coordinated efforts with overland navigation
  - **Increase NTTR operational security and safety**



# Warfare Environments

- **Major Combat Operations**
  - Large WWII scale battles such as D-Day
  - Desert Storm
  - “Red Flag” Exercises
- **Irregular Warfare**
  - Vietnam, Iraq and Afghanistan
  - Small Units such as Special Operations
  - Insertion and extraction activities; overland navigation
  - Integrated use of Remotely Piloted Aircraft





# Testing Environment

## ■ Test and Evaluation

- Advanced threat systems i.e. radars, threat emitters, etc.
- Provides combat-representative inert and live targets for a variety of aircraft
- Infrastructure available to measure critical Time-Space-Position Information
- Ability to get feedback to weapon system developers and pilots





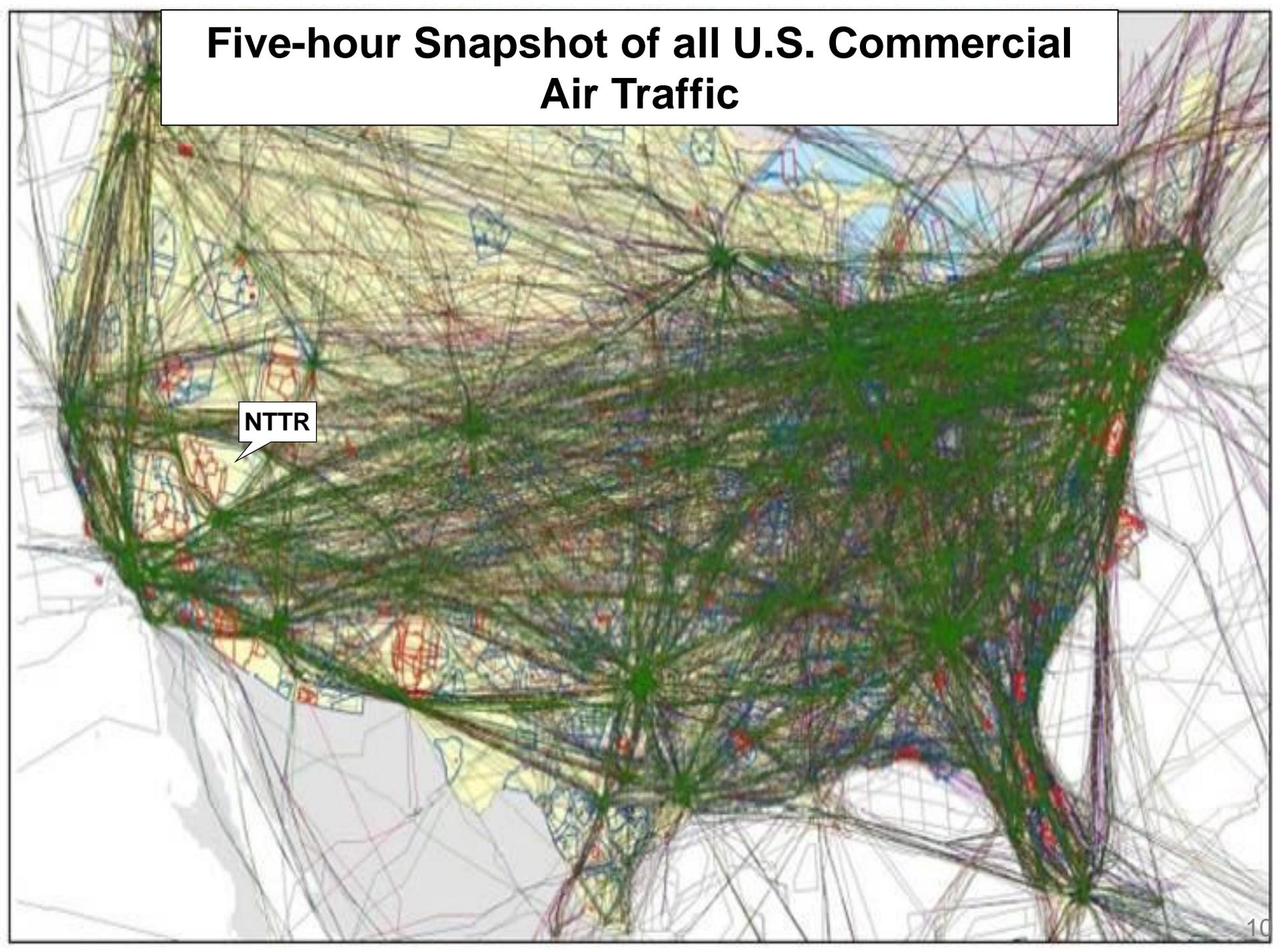
# Why NTTR?

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- **Location is one of the few with a large amount of dedicated restricted military airspace**
- **Replication of NTTR infrastructure would cost up to \$4 Billion**

# Five-hour Snapshot of all U.S. Commercial Air Traffic

NTTR





# NTTR Land Withdrawal Potential Alternatives

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***Potential Alternative 1 – Extend Existing Land Withdrawal and Management of NTTR (2,949,603 acres) – Status Quo***

***Potential Alternative 2 – Extend Existing Land Withdrawal and Provide Ready Access in South Range (Open 714,000 acres in South Range to some military training)***

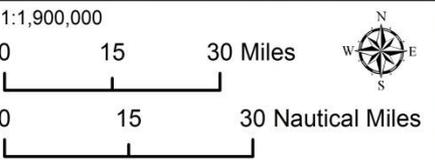
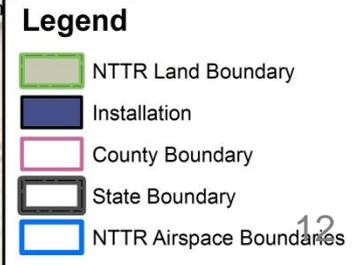
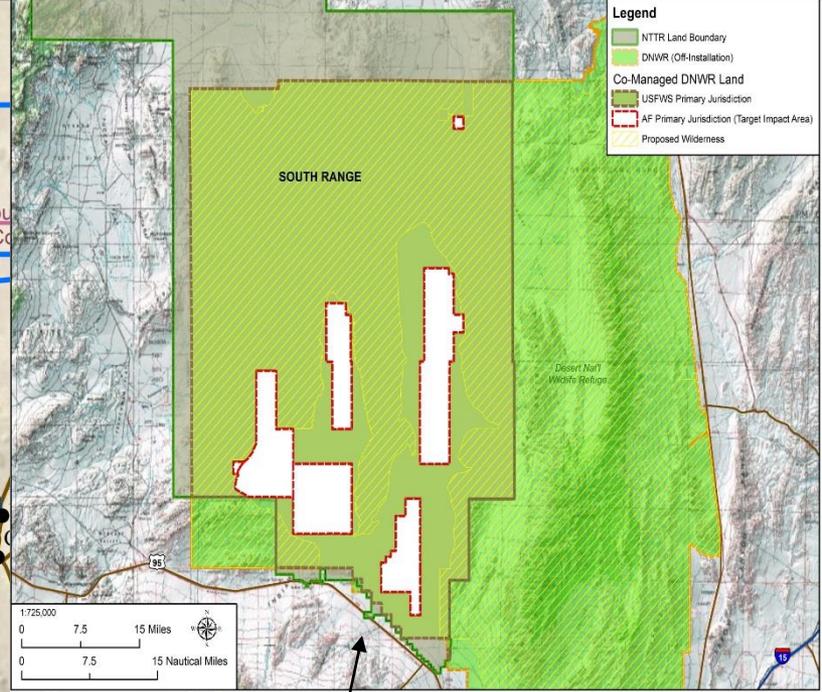
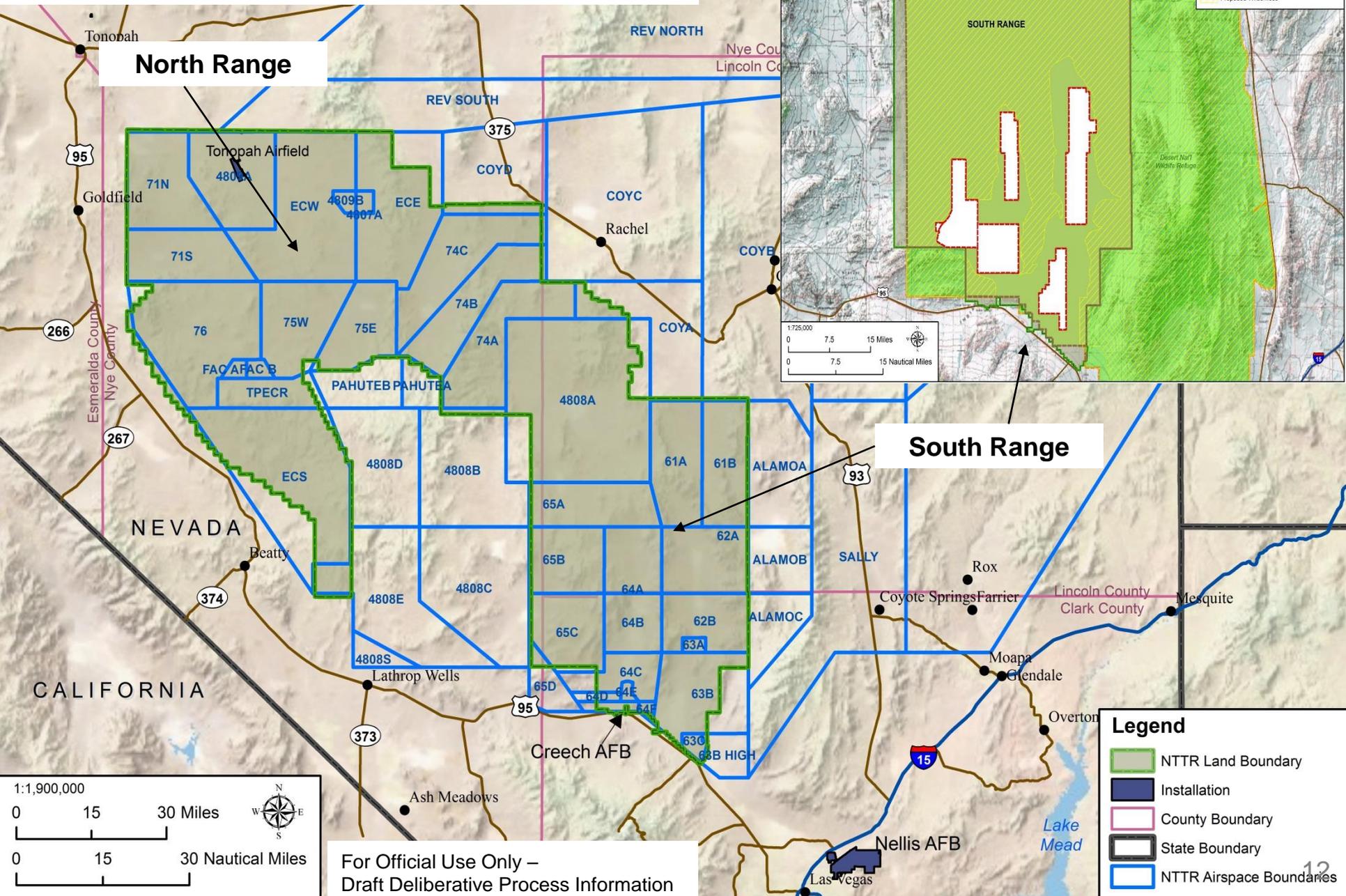
***Potential Alternative 3 – Expand Existing Withdrawal of Public Lands for the NTTR (maximum new withdrawal 301,507 acres)***

- ***Alternative 3A – Range 77 – Electronic Combat (EC) South Withdrawal***
- ***Alternative 3B – Enhance Operational Security and Safety 64C/D and 65D Expansion***
- ***Alternative 3C – Alamo Withdrawal***

***Potential Alternative 4 – Establish the Period of Withdrawal***

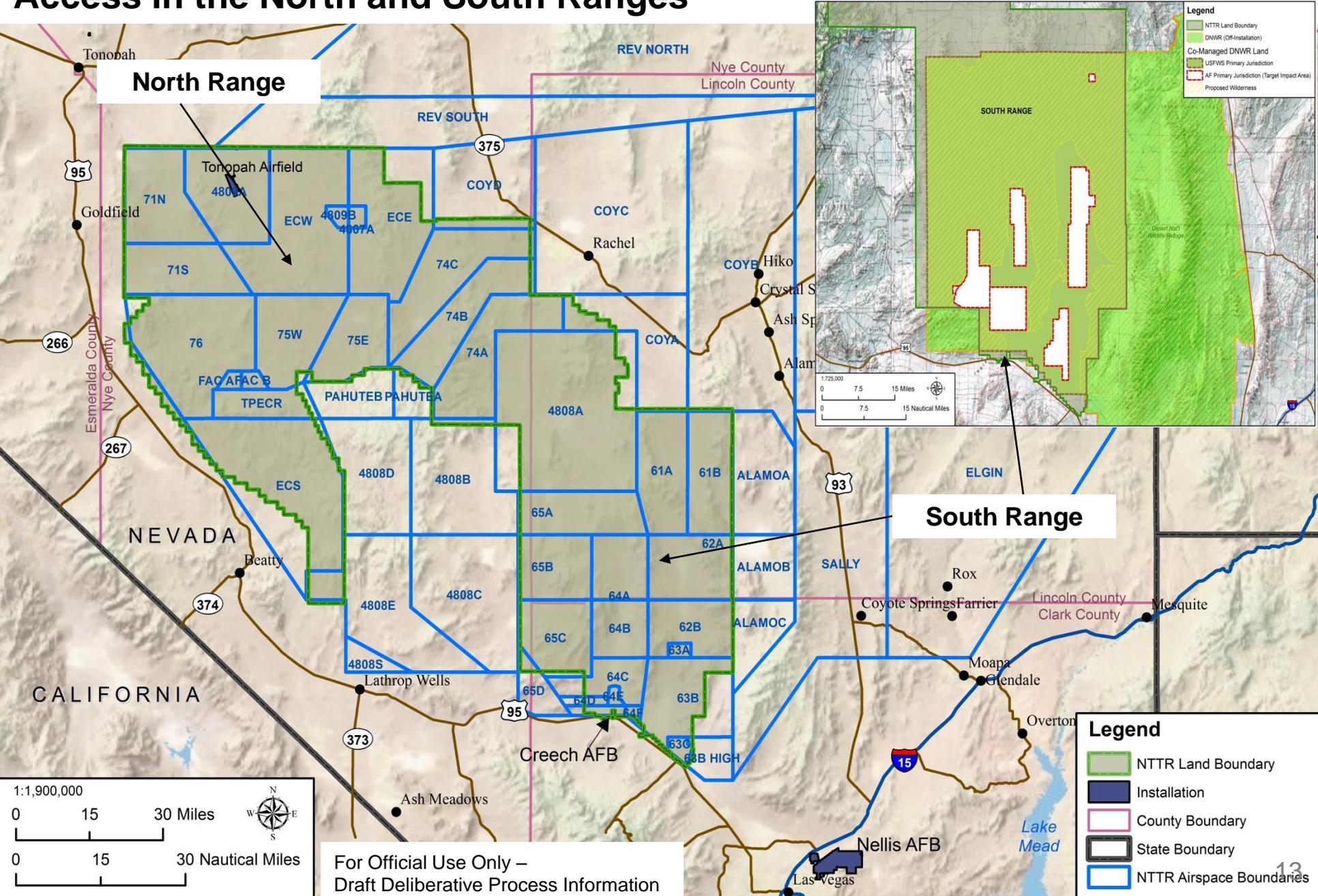
- ***20 year, 50 year or indefinite withdrawal***

# Alternative 1 - Renew Existing Land Withdrawal – Status Quo



For Official Use Only – Draft Deliberative Process Information

# Alternative 2 - Extend Existing Land Withdrawal and Provide Ready Access in the North and South Ranges



**North Range**

**South Range**

**Legend**

- NTTR Land Boundary
- DNWR (Old-Installation)
- Co-Managed DNWR Land
- USFWS Primary Jurisdiction
- AF Primary Jurisdiction (Target Impact Area)
- Proposed Wilderness

**Legend**

- NTTR Land Boundary
- Installation
- County Boundary
- State Boundary
- NTTR Airspace Boundaries

For Official Use Only –  
Draft Deliberative Process Information



# ***Potential Alternative 3 – Expand Existing Withdrawal of Public Lands for the NTTR***

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- **Includes current NTTR boundary, plus various options for up to 301,507 acres (maximum) of additional lands**
- **Three potential sub-alternatives that include ready access:**
  - ***Alternative 3A – Range 77 – EC South Withdrawal***
    - **EC South area would be redesignated as “Range 77”**
    - **Increase the NTTR boundary by approximately 18,000 acres to add buffer to the safety footprint of Range 77**
    - **No construction disturbance or munitions use would occur in this proposed withdrawal area**
  - ***Alternative 3B – Enhance Operational Security and Safety 64C/D and 65D Expansion***
    - **Withdraw approximately 57,000 acres along southeastern NTTR border**
    - **Administrative incorporation of approximately 1,000 acres not included in the original withdrawal (historical incorporation)**
  - ***Alternative 3C – Alamos Withdrawal (approx. 227,000 acres)***

# Alternative 3 Summary

NORTH RANGE

SOUTH RANGE

**Legend**

-  State Boundary
-  NTRR Land Boundary
- Alternative 3**
-  Alternative 3A
-  Alternative 3B
-  Alt 3B Historical Incorporation
-  Alternative 3C
-  Range 62A

**Alt 3A Total Acreage:**

- ~18,000 Acres
- Range 77

**Alt 3C Total Acreage:**

- ~227,000
- Range 62A Safety Buffer:

**Alt 3B Total Acreage:**

- ~57,000
- Range 64C/D and 65D

500 Acres

500 Acres

9,000 Acres

8,000 Acres

53,500 Acres

500 Acres

4,000 Acres

2,000 Acres

1,000 Acres

217,500 Acres

11,500 Acres

3,000 Acres

NEVADA

Beatty

Lathrop Wells

Lincoln Clark

Coyote Springs

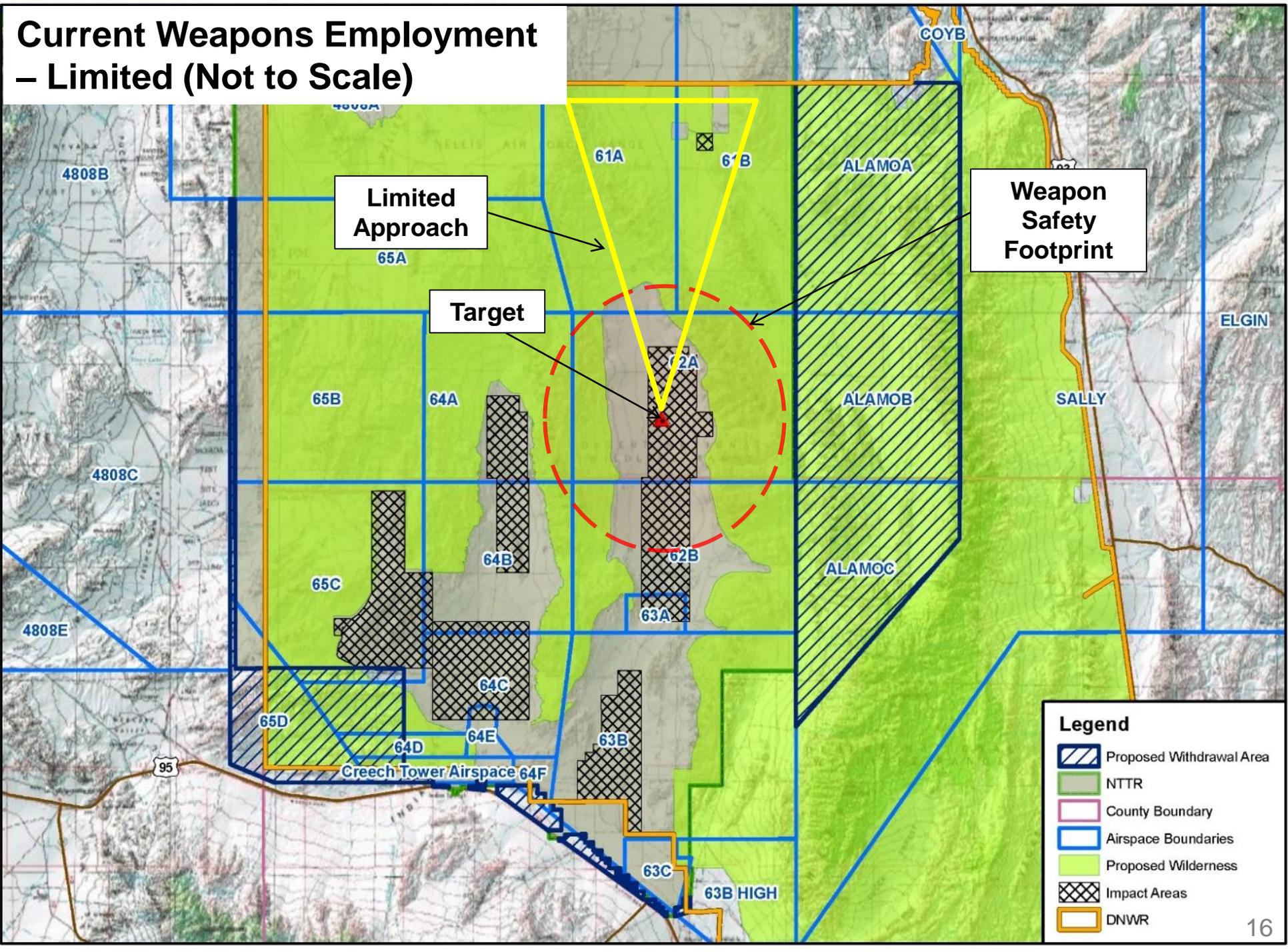
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0 10 20 Miles

0 10 20 Nautical Miles



# Current Weapons Employment – Limited (Not to Scale)



Limited Approach

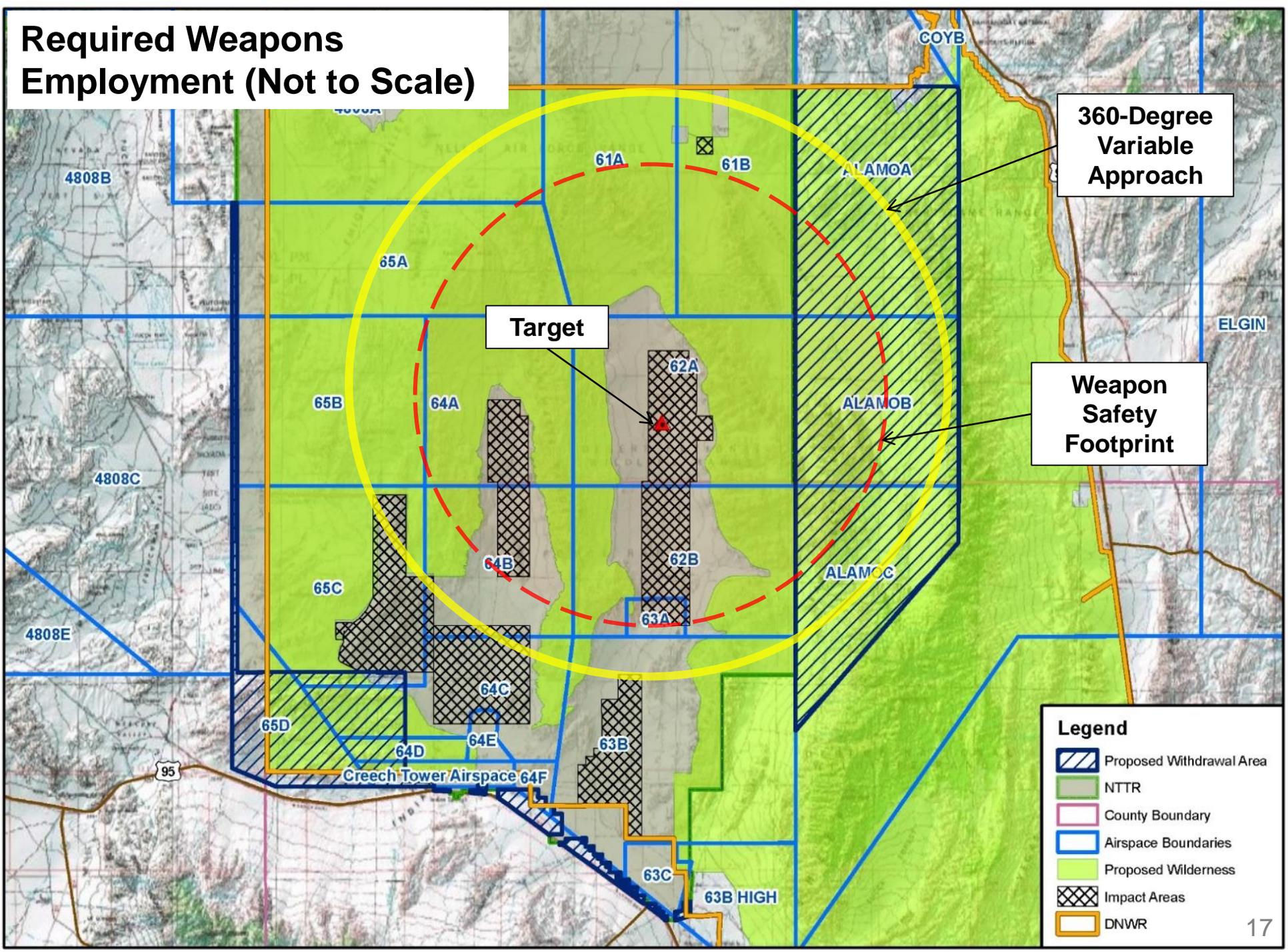
Weapon Safety Footprint

Target

**Legend**

- Proposed Withdrawal Area
- NTTR
- County Boundary
- Airspace Boundaries
- Proposed Wilderness
- Impact Areas
- DNWR

# Required Weapons Employment (Not to Scale)



360-Degree Variable Approach

Target

Weapon Safety Footprint

**Legend**

- Proposed Withdrawal Area
- NTTR
- County Boundary
- Airspace Boundaries
- Proposed Wilderness
- Impact Areas
- DNWR



# Potential Alternative 3C – Alamos Withdrawal

- Request the withdrawal of Desert National Wildlife Range under the Alamos airspace of approximately 227,000 acres
- Provides safety buffers associated with target areas in existing South Range (Range 62A); no new target impact areas would be proposed
- Potential future uses include:
  - Establishment of radar emitter sites
    - 150 foot x 150 foot pads
    - Some road access
    - Radars
  - Landing strip(s)
    - Approximately 13 acres
    - Used for C-130 aircraft
    - Some road access
  - Ground training
    - Small units (up to 12 personnel)
    - Blank munitions
    - Wheeled vehicles (roads/trails only)





# Potential Environmental Resource Impacts Analyses

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- **Air Quality**
- **Airspace Use and Management**
- **Biological Resources**
- **Cultural Resources**
- **Earth Resources**
- **Hazardous Materials and Solid Wastes**
- **Health and Safety**
- **Land Use**
- **Noise**
- **Socioeconomics**
- **Water Resources**
- **Wilderness and Wilderness Study Areas**



# LEIS Analysis

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- **Currently there are no specific ground-disturbing activities being proposed within the LEIS**
- **The LEIS is programmatic in nature**
- **If Congress were to withdraw additional lands for military use in 2021, site-specific planning for activities would then commence**
- **Alternatives will allow Congress/decision-makers to combine and select different components of the alternatives structure for maximum flexibility**



# Anticipated LEIS Major Milestone Schedule

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- **26 Aug 2016: Public notice of LEIS effort (scoping)**
- **12-20 Oct 2016: Public Scoping Meetings**
- **Fall 2016: Phase I Cultural Surveys**
- **Nov 2017: Draft LEIS released to public**
- **Jan 2018 to Feb 2018: Public hearings**
- **Aug 2018: Final LEIS released to public**
- **Oct 2018: Final case file/application package ready for submission**



# ***NTTR Land Withdrawal***

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**Questions?**



# Native American Coordination

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- **The Air Force is coordinating with seventeen tribes; Presented AF needs overview in November 2015**
- **G2G tribal request letters distributed in summer 2016**
- **Tribal Meetings**
  - **Met with the Consolidated Group of Tribes and Organizations (CGTO) in November 2015**
  - **Bishop Paiute Tribe (25 April 2016)**
  - **Ely Shoshone Tribe (26 April 2016)**
  - **Mojave and Chemehuevi Tribe (28 April 2016)**
  - **Las Vegas Paiute Tribe (29 April 2016)**